

US-PAT-NO: 5901142

DOCUMENT-IDENTIFIER: US 5901142 A

**TITLE: Method and apparatus for providing
packet data communications to a communication unit in
a radio communication system**

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Detailed Description Text - DETX (15):

The communication unit 120 preferably determines which base site service coverage area 133-139 or location area 150-151 the communication unit 120 is currently located in based on broadcast control channel transmissions from the base sites 103-109. In a preferred embodiment, each base site transmits its base site identification and location area identification to communication units in its service coverage area over a broadcast control channel every few seconds (e.g., ten seconds) depending on the message

**load of the broadcast
control channel. Upon receiving the base site and
location area
identifications, the communication unit 120 knows
whether or not it has changed
service coverage areas or location areas and determines
whether or not to
register based on its mobility status.**

**Current US Cross Reference Classification - CCXR (3):
455/456.1**